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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Section 1. Preliminary statements

herewith.

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Secti n 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)

- *EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.
- Section 3. Statement As To Information Material For Examination Not Found in Patents or Publications (Information not listed in PTO 1449)
- Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted

Which No Copies Are Submitted Or Need Be Submitted
Section 5. Cumulative Patents or Publications
☐ Item(s) are cumulative of the following patents or publication listed on Form PTO 1449 (modified):
In accordance with 37 CFR 1.98(c) a copy of is being submitted with this information disclosure statement.
Section 6. Copies of Listed Information Items Accompanying This Statement
Legible copies of all items listed accompany this information statement.
Exception(s) to above:
☐ Items in prior application from which an earlier filing date is claimed for this application as identified in Section 4. ☐ Cumulative patents or publications identified in Section 5.
Section 7. Concise Explanation of Non-English Language Listed Information Items
Section 8. Translation(s) of Non-English Language Documents
Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material: No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above. The following foreign language documents submitted are believed to be the equivalent or

substantial equivalent of the English language documents identified below, which are also submitted

Section 9. Certification under Rule 1.97
The undersigned hereby certifies that:
a. This Statement is being filed after the latest of (1) three months after the filing date of a national application; (2) three months after the date of entry of the national stage as set forth in w 1.491 in an international application; (3) the mailing date of a first Office action on the merits.
b. The fee set forth in §1.17(p)
☐ Is being paid with this Information Disclosure Statement
☐ Is not due because: ☐ (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or ☐ (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.
Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS INFORMATION DISCLOSURE STATEMENT
The person making this statement is
(a) the inventor(s) who signs below
(b) [X] the attorney who signs below on the basis of: the information supplied by the inventor(s) an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)). [X] the information in the attorney's file Trank Tian, Registration No. 46,462 BROWN & MICHAELS, PC 400 M&T Bank Building, 118 N. Tioga Street Ithaca, New York 14850-4343 Voice: (607) 256-2000 Fax: (607) 256-3628 e-mail: tian@bpmlegal.com Customer number: 020808

Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE	ATTY DOCKET NO.	SERIAL NO.
(Modified) PATENT AND TRADEMARK OFFICE	PEN-12	
	APPLICANT	
	Paul G. Kennedy	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE	GROUP
	July 25, 2003	

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	AA	5,001,827	03/26/91	Nagagawa, H.	29	560	
	AB	5,016,335	05/21/91	Becker et al	29	57	
	AC	5,069,430	12/03/91	Woodings et al.	266	271	
	AD	5,203,657	04/20/93	Nagoshi et al	411	399	
	AE	6,276,878	08/21/2001	Lee, W.	408	67	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO

OTHER PRIOR ART

Exam	1	Author, Title, Date, Pertinent Pages, Etc				
Initial						
	AF	Pictorial Handbook of Technical Devices; page 405				
	AG	Volume Tow "The Way Things Work"; pp 166-169				
	AH	Machinery's Handbook: pp. 774-779, pp.788-801 and pp. 990-995				
EXAMINER		DATE CONSIDERED				
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